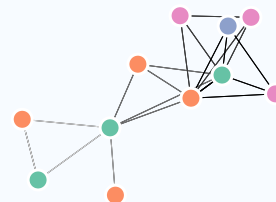# ALBERT FRADERA SOLA

I consider myself as a multi-task and open-minded person. I enjoy having excellent relationship with my colleagues and I can easily adapt to different and new projects. I am very committed to my work and I always try to give the maximum performance in order to achieve the best results. My ambition and optimism are my strengths to achieve my challenges.

🎓 EDUCATION

Current | 2018

PhD. Candidate, Quantitative Proteomics
JGU University   📍 Mainz, Germany

· Working on quantitative proteomics, with a focus on RNA-Protein interactions

2018 | 2016

MSc in Omics Data Analysis
University of Vic   📍 Barcelona, Spain

· Master thesis: Development of a scoring function for finding differential expression - application to Lolium Perenne
· Erasmus + grant fellow

2016 | 2011

Bachelor in Biochemistry
University of Barcelona   📍 Barcelona, Spain

· Bachelor thesis: NMR studies on IDP proteins - application to alpha synuclein
· Erasmus + grant fellow

🌐 ONLINE EDUCATION

2020

Statistical Inference course
Coursera, Johns Hopkins University   📍 Maryland, USA

· Part 1 of the data science specialization
· https://coursera.org/share/b7d93b26dd10fa7719ed0ca7c7d3f470

⚗ RESEARCH EXPERIENCE

Current | 2018

PhD Student
Butter laboratory - IMB (JGU university)   📍 Mainz, Germany

· PhD student with Dr. Falk Butter (F.Butter@imb-mainz.de)
· Genomics (RNAseq, ChIPseq) and proteomics data management, analysis and integration.
· Project 1: Multi-species characterization of the RNA binding proteins interactome

2018 ● **Research assistant**

Butter laboratory - IMB (JGU university)   📍 Mainz, Germany

· Research assistant with Dr. Falk Butter (F.Butter@imb-mainz.de)
· Genomics (RNAseq, ChIPseq) data management, analysis and integration.

2017 ● **Master student**

Narcs Fernandez-Fuentes - IBERS (Aberystwyth University)
                                                📍 Aberystwyth, UK

· MSc student with Dr. Narcs Fernandez-Fuentes (naf4@aber.ac.uk)
· Development of a scoring function for assessing transcriptome differential expression on Lolium Perenne
· Publications: one first-authtor paper

2016
|
2015 ● **Bachelor student**

Konrat laboratory - MFPL (Universitt Wien)   📍 Vienna, Germany

· BSc student with Dr. Robert Konrat (Robert.Konrat@univie.ac.at)
· Recording and Analysis of NMR Spectroscopic Data

📖 SELECTED PUBLICATIONS, POSTERS, AND TALKS

2020 ● **Characterization of the Novel Mitochondrial Genome Segregation Factor TAP110 in Trypanosoma brucei**

bioRxiv

· Co-author with Simona Amodeo, Ana Kalichava, Eloise Bertiaux, Paul Guichard, Falk Butter and Torsten Ochsenreiter
· https://www.biorxiv.org/content/10.1101/2020.06.25.171090v1

2019 ● **Differential gene expression and gene ontologies associated with increasing water-stress in leaf and root transcriptomes of perennial ryegrass (Lolium perenne)**

PLOS one

· Authored with Ann Thomas, Ian Armstead, Narcis Fernandez-Fuentes
· https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0220518

2019 ● **Workshop on chromatin proteomics**

FEBS advanced course   📍 Heraklion, Greece

· Poster presentation